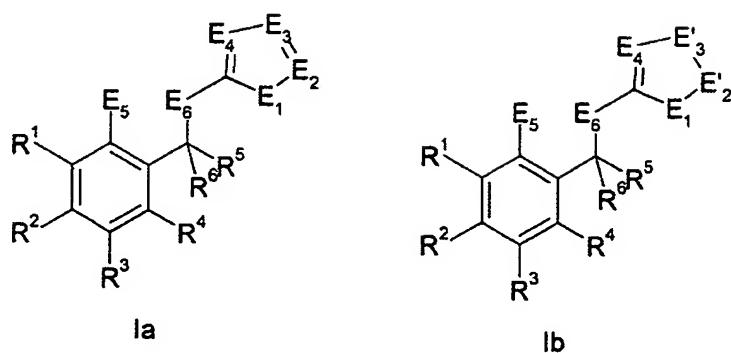


BASF Aktiengesellschaft

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Abstract

A compound of the formula Ia or Ib:



where,

in the formula Ia,

E_1 is O, S, Se, Te, NR, CR₂, or PR;

E_2, E_3 are each CR, N, or P;

E_4 is N, or P;

E_5 is OH, SH, NHR, OR', SR', or NRR';

E_6 is NH, PH, NR', or PR';

R^5, R^6 are each hydrogen or a linear, branched or cyclic alkyl radical or an aryl radical;

R^1, R^2, R^3, R^4 are each hydrogen, a linear, branched or cyclic alkyl radical, an aryl radical, a halogen or a nitro group;

R is hydrogen, a linear, branched or cyclic alkyl radical:

R' is a linear, branched or cyclic alkyl radical:

where at least one of the groups E_5 and E_6 contains a hydrogen atom; and

in the formula Ib

the symbols E_1 , E_4 , E_5 , E_6 , R^5 , R^6 , R^1 , R^2 , R^3 , R^4 , R and R' are as defined in formula

Ia;

and

E'_2 and E'_3 are each O, S, Se, Te, NR, CR₂, or PR.